

## Author index to volumes 197/198 (1999)

Abbott, H.L. and D.R. Hare, Square critically 3-chromatic hypergraphs	3– 13
Aguiló-Gost, F., New dense families of triple loop networks	15– 27
Aldred, R.E.L. and M.D. Plummer, On matching extensions with prescribed and proscribed edge sets II	29– 40
Allen, S.M., D.H. Smith and S. Hurley, Lower bounding techniques for frequency assignment	41– 52
Anderson, I., On the construction of balanced Room squares	53– 60
Balbuena, C., A. Carmona, J. Fàbrega and M.A. Fiol, Superconnectivity of bipartite digraphs and graphs	61– 75
Bedford, D. and R.M. Whitaker, Enumeration of transversals in the Cayley tables of the non-cyclic groups of order 8	77– 81
Betten, A., M. Klin, R. Laue and A. Wassermann, Graphical $t$ -designs via polynomial Kramer–Mesner matrices	83–109
Betten, A., R. Laue and A. Wassermann, New $t$ -designs and large sets of $t$ -designs	111–121
Billington, E.J., Decomposing complete tripartite graphs into cycles of lengths 3 and 4	123–135
Blokhus, A. and C.M. O’Keefe, On deriving unitals	137–141
Brousek, J., Z. Ryjáček and I. Schiermeyer, Forbidden subgraphs, stability and hamiltonicity	143–155
Brunat, J.M., M. Maureso and M. Mora, Endo-circulant digraphs: connectivity and generalized cycles	157–167
Carmona, A., see C. Balbuena	61– 75
Chang, G.J. and M.-J. Jou, The number of maximal independent sets in connected triangle-free graphs	169–178
Chartrand, G., F. Harary and B.Q. Yue, On the out-domination and in-domination numbers of a digraph	179–183
Chen, G., R.J. Gould and M.S. Jacobson, On 2-factors containing 1-factors in bipartite graphs	185–194
Chou, C.-C., C.-M. Fu and W.-C. Huang, Decomposition of $K_{m,n}$ into short cycles	195–203
Curtin, B., Distance-regular graphs which support a spin model are thin	205–216
Day, D.P., O.R. Oellermann and H.C. Swart, Bounds on the size of graphs of given order and $\ell$ -connectivity	217–223
Egawa, Y. and K. Ota, Vertex-disjoint claws in graphs	225–246
Escott, A.E., see S. Perkins	637–655
Evdokimov, S., M. Karpinski and I. Ponomarenko, Compact cellular algebras and permutation groups	247–267
Fàbrega, J., see C. Balbuena	61– 75
Favaron, O. and J. Puech, Irredundant and perfect neighborhood sets in graphs and claw-free graphs	269–284
Ferrero, D. and C. Padró, Disjoint paths of bounded length in large generalized cycles	285–298
Finizio, N.J. and P.A. Leonard, Inductive extensions of some $Z$ -cyclic whist tournaments	299–307
Fiol, M.A., see C. Balbuena	61– 75
Fischer, E., Cycle factors in dense graphs	309–323
Fouché, W.L., Symmetries and Ramsey properties of trees	325–330
Fouché, W.L., L.M. Pretorius and C.J. Swanepoel, Partition theorems for factorisations of ascending parameter words	331–350

- Fu, C.-M., see C.-C. Chou 195–203  
 Gilbey, J.D. and L.H. Kalikow, Parking functions, valet functions and priority queues 351–373  
 Gimbert, J., On the existence of  $(d, k)$ -digraphs 375–391  
 Gould, R.J., see G. Chen 185–194  
 Haemers, W.H., Minimum resolvable coverings with small parallel classes 393–396  
 Harary, F., see G. Chartrand 179–183  
 Harborth, H. and S. Maasberg, All two-color Rado numbers for  $a(x + y) = bz$  397–407  
 Hare, D.R., see H.L. Abbott 3–13  
 Hartnell, B.L. and D.F. Rall, A bound on the size of a graph with given order and bondage number 409–413  
 Henning, M.A., Graphs with large restrained domination number 415–429  
 Hill, R., see E. Kolev 483–489  
 Huang, W.-C., see C.-C. Chou 195–203  
 Hurley, S., see S.M. Allen 41–52  
 Huybrechts, C.,  $L \cdot L^*$ -geometries and  $D_n$ -buildings 431–451  
 Jacobson, M.S., see G. Chen 185–194  
 Jendrol', S., T. Madaras, R. Soták and Z. Tuza, On light cycles in plane triangulations 453–467  
 Jou, M.-J., see G.J. Chang 169–178  
 Kalikow, L.H., see J.D. Gilbey 351–373  
 Karpinski, M., see S. Evdokimov 247–267  
 Klazar, M., Extremal problems for colored trees and -Davenport-Schinzel sequences 469–482  
 Klin, M., see A. Betten 83–109  
 Kolev, E. and R. Hill, An improved lower bound on the covering number  $K_2(9, 1)$  483–489  
 Larrión, F. and V. Neumann-Lara, Clique divergent graphs with unbounded sequence of diameters 491–501  
 Laue, R., see A. Betten 83–109  
 Laue, R., see A. Betten 111–121  
 Lazebnik, F., V.A. Ustimenko and A.J. Woldar, Polarities and  $2k$ -cycle-free graphs 503–513  
 Leonard, P.A., see N.J. Finizio 299–307  
 Levenshtein, V.I., Equivalence of Delsarte's bounds for codes and designs in symmetric association schemes, and some applications 515–536  
 Lewis, R.P., The number of spanning trees of a complete multipartite graph 537–541  
 Maasberg, S., see H. Harborth 397–407  
 Madaras, T., see S. Jendrol' 453–467  
 Mahmoodian, E.S. and E. Mendelsohn, On defining numbers of vertex colouring of regular graphs 543–554  
 Martí-Farré, J., Sets defining minimal vertex covers 555–559  
 Maureso, M., see J.M. Brunat 157–167  
 McSorley, J.P., Single-change circular covering designs 561–588  
 Mendelsohn, E., see E.S. Mahmoodian 543–554  
 Mora, M., see J.M. Brunat 157–167  
 Muzychuk, M., On the isomorphism problem for cyclic combinatorial objects 589–606  
 Nakamoto, A., Transformations in closed 2-cell embeddings on surfaces preserving specified properties 607–615  
 Neumann-Lara, V., see F. Larrión 491–501  
 Neumann-Lara, V., The acyclic disconnection of a digraph 617–632  
 Neumann-Lara, V., E. Rivera-Campo and J. Urrutia, A note on covering the edges of a graph with bonds 633–636  
 O'Keefe, C.M., see A. Blokhuis 137–141  
 Oellermann, O.R., see D.P. Day 217–223  
 Ota, K., see Y. Egawa 225–246  
 Padró, C., see D. Ferrero 285–298  
 Perkins, S. and A.E. Escott, Synchronizing codewords of  $q$ -ary Huffman codes 637–655  
 Phillips, N.C.K. and D.A. Preece, Tight single-change covering designs with  $v = 12, k = 4$  657–670  
 Plummer, M.D., see R.E.L. Aldred 29–40

Ponomarenko, I., see S. Evdokimov	247–267
Preece, D.A., see D.H. Rees	691–712
Preece, D.A., see N.C.K. Phillips	657–670
Preece, D.A. and B.J. Vowden, Some series of cyclic balanced hyper-Graeco-Latin superimpositions of three Youden squares	671–682
Pretorius, L.M., see W.L. Fouché	331–350
Puech, J., see O. Favaron	269–284
Rall, D.F., see B.L. Hartnell	409–413
Rautenbach, D., The influence of special vertices on strong domination	683–690
Rees, D.H. and D.A. Preece, Perfect Graeco-Latin balanced incomplete block designs (pergolas)	691–712
Rivera-Campo, E., see V. Neumann-Lara	633–636
Ryjáček, Z., see J. Brousek	143–155
Sarmiento, I., A characterisation of jointless Dowling geometries	713–731
Schiermeyer, I., see J. Brousek	143–155
Shaw, R., A property of $A_7$ , and a maximal 3-dimensional linear section of $GL(4, 2)$	733–747
Smith, D.H., see S.M. Allen	41– 52
Sonnino, A., Linear collineation groups preserving an arc in a Möbius plane	749–757
Soták, R., see S. Jendrol'	453–467
Swanepoel, C.J., see W.L. Fouché	331–350
Swanepoel, K.J., Cardinalities of $k$ -distance sets in Minkowski spaces	759–767
Swart, H.C., see D.P. Day	217–223
Tewes, M. and L. Volkmann, Vertex deletion and cycles in multipartite tournaments	769–779
Trommel, H., H.J. Veldman and A. Verschut, Pancylicity of claw-free hamiltonian graphs	781–789
Tuza, Z., see S. Jendrol'	453–467
Urrutia, J., see V. Neumann-Lara	633–636
Ushio, K., $\hat{S}_k$ -factorization of symmetric complete tripartite digraphs	791–797
Ustimenko, V.A., see F. Lazebnik	503–513
Veldman, H.J., see H. Trommel	781–789
Verschut, A., see H. Trommel	781–789
Volkmann, L., see M. Tewes	769–779
Vowden, B.J., see D.A. Preece	671–682
Wassermann, A., see A. Betten	83–109
Wassermann, A., see A. Betten	111–121
Whitaker, R.M., see D. Bedford	77– 81
Woldar, A.J., see F. Lazebnik	503–513
Yue, B.Q., see G. Chartrand	179–183

